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## The Occurrence of *Eumeces inexpectatus* in Kentucky\*

Robert W. Reese

On June 26, 1948, a typical specimen (Univ. Ill. Mus. Nat. Hist. 1972) of *Eumeces inexpectatus* Taylor was taken by the writer in the vicinity of the guest house in Kentucky Ridge State Park, Bell County, Kentucky. The identification was made by Dr. H. M. Smith of the Department of Zoology at the University of Illinois and was confirmed by Dr. E. H. Taylor of the University of Kansas.

The specimen was found under a board in a grassy area surrounded by pine forest at an elevation of approximately 2000 feet. The soil at this locality is sandy, and several prominent outcrops of sandstone occur in the vicinity.

The specimen, a female, differs from available material of *E. fasciatus* and *E. laticeps* in having the scales of the median row of subcaudals only very slightly wider than the adjacent scales as is characteristic of *E. inexpectatus* (Taylor, 1935, p. 230). It also is remarkably distinct in possession of very narrow light lines (each occupying about one third the width of a scale row) with the dorsolateral line restricted to the middle of the fourth scale row. In *E. fasciatus* and *E. laticeps* the lines are invariably wider, and the dorsolateral line often occupies parts of two scale rows. The lateral light line passes directly through the middle of the ear, as in *E. fasciatus*, and does not jog at the ear opening as in *E. laticeps*. In all other respects the specimen agrees with Taylor's description of *Eumeces inexpectatus* (1935, p. 225-230).

This record, apparently the first of this species in Kentucky, extends the range of *E. inexpectatus* approximately 80 miles north and 200 miles west and south of the nearest previous records: Clifton Forge, Allegany County, Virginia (Hoffman, 1945, p. 131) and Laurel Creek, Blount County, Tennessee (King, 1939, p. 570). These records in addition to that of King (*loc. cit.*) from Swain County, North Carolina seem to indicate that the species is not necessarily a lowland form as is suggested by Taylor's distributional data

\*Contribution from the University of Illinois Museum of Natural History, Urbana.

(1935, p. 232-234). Further information on the elevational distribution of the species will be of interest.

#### Literature Cited

Hoffman, Richard L.

- 1945      Range extensions for *Eumeces inexpectatus* Taylor. *Proc. Biol. Soc. Washington*, vol. 58, p. 131-132.

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- 1939      A survey of the herpetology of the *Great Smoky Mountains National Park*. *Amer. Midl. Nat.*, vol. 21, no. 3, p. 531-582, fig. 1-9.

Taylor, Edward H.

- 1935      A taxonomic study of the cosmopolitan scincoid lizards of the genus *Eumeces*. *Kansas Univ. Sci. Bull.*, vol. 23, p. 1-643, text fig. 1-84, pl. 1-43.